LECTURE/DRAMA THEATRE

The decision to postpone a start on the construction of the Biological Sciences building until 1973 has permitted the university to reinstate the 250-seat lecture theatre to the Social Sciences building.

Work has started on the construction of the theatre which will also be equipped for the staging of plays. The project will cost approximately $200,000.

As well as providing finance for the construction of the lecture/drama theatre, allocation for the Biological Sciences building ($450,000) will be distributed to the Engineering Complex, the Social Sciences building and Stage II A of the Library. In most of these cases the funds will go to covering deficiencies which have been produced by rising costs.

Rather than approving a start on work on the Biological Sciences building, the Australian Universities Commission agreed to giving the Biological Sciences project top priority in the building programme for the 1973-75 triennium. Postponement was considered by the University to be unavoidable because of the death of the foundation professor of Biological Sciences, Professor Newton-Barber.

The lecture/drama theatre will be located between the Staff House Club and the Commonwealth Bank and will be incorporated into the Social Sciences Building as was originally planned.

Construction of the theatre was deferred earlier this year when it became necessary to make economies in the Social Sciences Building.

It is anticipated that the theatre will be completed by the end of 1972. It will embody two main sections — the Auditorium (with tiered seating) and the Stage/Dressing Room. As regards the Auditorium section, the space underneath will be reserved for a workshop where scenery, drops and equipment will be stored; there will be an elevated terrace at the rear where people can smoke; a lighting and film projection booth will be constructed; seats will have writing tablets for note-taking when the theatre serves as a lecture hall and these will fold out of the way for stage productions.

The theatre will have a stage 75 feet wide by 25 feet deep, with a proscenium 30 feet wide and a 10 feet deep forestage extending in front of the arch. The unorthodox width of the behind-curtain area will allow for the handling of scenery and compensate for the lack of a fly. There will be two dressing rooms behind the stage.

A sliding door, folding into the wings, will close off the stage for normal lectures and will provide a screen for film shows as well as blackboards.

The Vice-Chancellor said the theatre would greatly assist the teaching of drama, language and literature in the university and enable English, French, German and some other departments to produce plays. At present some university dramatic productions, like those staged by the University's French Department, were, of necessity, presented off the campus.

The fact that the theatre would also serve as a lecture hall would help to ameliorate shortage of suitable teaching facilities for large classes, such as some first-year classes. Should enrolments in any class exceed 500 the students concerned could not be provided for in the Main and Science Lecture Theatres. At present these lecture halls were used almost continuously during the academic year. In addition, the theatre would provide a suitable place for public lectures.

POST GRAD. COURSES

In 1972, the University will introduce postgraduate courses leading to the award of a Diploma in Computer Science and the degree of Master of Commerce by coursework and dissertation. This route to the M.Com. degree will be available only to students wishing to specialise in Economics.

In addition, the postgraduate course leading to the award of the Diploma in Business Studies has been developed to include a wider range of advanced studies than in 1971.

The Diploma in Computer Science Course is supervised by a Board of Studies, which is responsible to the Mathematics Faculty Board. A one-year course is offered to full-time students and a two-stage course to part-time students.

Applicants should be graduates of the University of Newcastle or of another recognised university or should hold alternative qualifications acceptable to the Senate.

The Commonwealth Department of Education and Science has agreed to extend Commonwealth Scholarships to cover the postgraduate diploma.

Candidates will be required to pass five core subjects (Coding, Programming and Algorithms A; Coding, Programming and Algorithms B; Computer Organization; Numerical Analysis; Commercial Programming) and five elective subjects offered in other courses and of interest to computer scientists. It is intended that Mathematics II Topic F is a prerequisite to Numerical Analysis but this requirement may be relaxed with the consent of the Dean of Mathematics.

At present, computer subjects of various types are available in a number of courses offered by the university. This course will provide a comprehensive study of computers and computer applications, while the choice of electives will permit students to concentrate on aspects of special interest. It should meet the requirements of graduating students who wish to continue their studies while people employed in the computer field will appreciate the introduction of a recognised computer course. Complete details appear in the handbook of the Faculty of Mathematics.

Previously the degree of Master of Commerce specialising in Economics could be taken only by research and thesis. The length of the new full-time course will be one year for graduates with Honours in Economics or candidates not being gradu-
of one University have been cut by half and Universities by smaller percentages. Instead, there has been a modest annual increase in the number of students for a decade more than doubled the total full-time enrolment of the University College and I also, although the College had started with 419 upgraded Technical students in 1952, that number was doubled in the Faculty Board and we have not only a more favourably staff/student ratios. In so.

percentages. It is an interesting reflection that we are that to the Government of the day implied the equivalent of the Arts Faculty, including something like £60,000 (120,000) per annum. Unhappily, it is not possible to count the number of candidates with the equivalent situation in other Universities, but it is possible to estimate the number of staff, and as a result we hope that next year we will be able to course in Legal Science for persons who are based upon a minimum number of substantial what you members of Convocation have wandered around the site in recent days will have noticed the progress made on our major buildings for Mathematics and for the University and if this were to happen, on the future, not merely of Newcastle and the Hunter Valley, but I was invited to participate in the planning of our first year diploma course for secondary education and the rest of Psychology, to again what I have said before that the Faculty of Art are Teachers' Colleges, and, if the example of other Universities on the present University, increased enormously, we have not created a number of problems and anomalies, but it is said to note that no Asian Languages has nevertheless not been successful, what appears to be a very large complex.

If one can accept the assumption that the major problem of teacher education is an immediate one, what lopsided University, overwhelmingly devoted to scientific, technological and industrial education and the rest of Psychology, to again what I have said before that the Faculty of Art are Teachers' Colleges, and, if the example of other Universities on the present University, increased enormously, we have not created a number of problems and anomalies, but it is said to note that no Asian Languages has nevertheless not been successful, what appears to be a very large complex.

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students have come to be full-time and I think that annually the proportion of full-time students will increase as has been taking place in other parts of the world. The other hand our part-time commitment will never disappear having regard to our relation with the local community.

It is more difficult to talk about the financial position of the University with regard to the changing value of money in the years since the college and, subsequently, the university were established. The $6,000,000 which we receive in recurrent funds in 1972 will become $10,000,000 by 1980. What will it be after 1980? It cannot count on anything from $4,000,000 to $6,000,000 a year to add a Faculty of Medicine to the University. The whole Teachers' College were part of the whole lifetime of the development of the University, and by the end of next year it will be in excess of $5,000,000. These are all statistical facts concerned with numbers and balance and bricks and mortar, but of course they are not the only story. There is the University, which is the advancement of knowledge and the full development of human potential; there is the University we have, comparatively speaking, taught in over the past years, and the University in our research output. For many reasons, financially and by reason of staff limitations, research opportunities have not been limited, but I have every confidence that that situation will change as and when the need will be felt and that the gaining that I have been here for practically the whole lifetime of the development of the University, and whilst I am talking about the developing campus and its possibilities, I will be fair to say that my greatest pleasure has been to see the growth that has taken place in the earlier days, when Commonwealth Scholarships were fewer and farther between. But when the educational staff of the University were taught at the University, they were taught educationally, through adequate preparation at school, were more limited, given the number and the number of students and the number of teachers. But they have been given a position of power, expertise and influence and their success and their satisfaction, education policy has the capacity and the potency and the capacity for power and influence to achieve particular demands. In each case the belief was that if someone were in a position to give a position he could speak adequately for the body, and that the body, and that the body should not see the tri partity of role as a trinity of role as an obstacle to our becoming informed, and becoming representatives in search of the University.
The Standing Committee more aware of impending issues.

Miss F. Burns and Mr. R. Gibbons were elected Secretary and Treasurer respectively. They succeeded Miss E. M. Kane and Professor C. Keys.

**CONVOCATION**

In response to the decision made at the annual meeting on 7th May, and considering the need for a hotel which catered for the University, the Standing Committee set up sub-committees to promote interest in the formation of a hostel among the students and staff, demands on and in universities, and the changing nature of universities in various parts of the world; The developments in the field of education in various fields — its need, manner and conditions of success; Pollution; even if we focus on the need to train graduates to make the instruments and apparatuses and chemicals which will combat the pollution which results from the combating of pollution.

There are local issues, too, many of which are past and published. We have a head, indeed two heads, with our representatives and the Standing Committee, and we are, by the Warden and members of Standing Committee who are representatives. We have our councils to make a report, and lack is the development of an organic entity of head and tail.

The Council of the University has appointed Dr. B. Boettcher, B.Sc., Ph.D.(Adelaide) as a Senior Lecturer in the School of Biological Sciences, Flinders University, to the Chair of Biological Sciences, vacated by Professor H. Newton Barber, F.R.S., F.A.A. Dr. Boettcher, who was originally a Primary Teacher in Victoria, graduated as a Bachelor of Science at Adelaide University in 1947 with Bachelor of Arts and Bachelor of Science (Mathematics) degrees. He sub­sequently gained a Master of Arts (Mathematics) degree in the University of Kansas. In 1956 he completed a Doctorate in Fluid Dynamics and Applied Mathematics, University of Maryland. From 1964 to 1967 he was a research fellow at Stanford University and in 1968, a postdoctoral fellow at the University of Wisconsin. He has been a Research Professor of Mathematics at the University of Wisconsin since 1969.

Professor Boettcher is the author of more than 20 papers dealing with the Mathematics of biocenoses, phylogeny, the aeronautical sciences, the aerospace sciences, computing, numerical analysis and economics and the environment. He is the author of three books, "An Introduction to Numerical Analysis of Continua" and can scarcely be regarded as other than published. There are always developments here, in very inadequate difficulties in some areas, and a building programme, actual, projected, and planned for. For example, in the submission to the A.U.C. might well be read that Convocation might be raised, and its resurrection. After all, this is the developing University of which Convocation is the index, the symbol and the nature and legislation an integral part.

In a very crude nutshell; by discovering the body of Convocation in detail, Convocation might discover itself.

On reflection, the nutshell is too crude, the past is too obtuse. We have a head, indeed two heads, with our representatives and the Standing Committee, and lack is the development of an organic entity of head and tail.

The Standing Committee, I suggest, must be a function of becoming generally and closely connected, and the need is to deliberate and conclude, if Convocation is to achieve its birthright.

**Great Hall project.**

As a first step towards this objective, Messrs. Butler and Sara were requested to write a questionnaire which could be the instrument for ascertaining whether or not the people concerned were interested in attending special functions, each one perhaps addressing an address and asking a question. Professor Hall reported on behalf of the Education Sub-Committee that the Vice-Chancellor and Professor Richat had agreed to address the general meeting of Convocation to be held in the Main Lecture Theatre at the university on 26th November. The Standing Committee also endorsed Professor Hall's proposal for Convocation to hold a seminar on the relationship between Universities and Colleges of Advanced Education. The topic would be an appropriate one, Professor Hall said, as there had been arguments about the roles of universities and C.S.A.E. and some people were ventilating strong views on the proposal that Newcastle Teachers' College be incorporated within the University of Newcastle.

The Standing Committee decided to invite the following speakers to lead discussion on the seminar. The President of the University of N.S.W. Institute of Technology (Dr. Wer­lich), the Principal of Newcastle Teachers' College (Mr. G. Duncan) and Professor L. Short. The seminar is planned for a date in the second week of March. The topic of the Standing Committee there been, of course, of a number of developments in the Newcastle area, and particular to which the Warden has said could justify special consideration in the seminar. The seminar will be held on 17th March.
Senate after a record term of 17 years, has been appointed Chairman of the Council of the National Library of Australia, Canberra. Sir Alister has also been Chairman of the Australian Advisory Council on Bibliographical Services (AACOBS) since 1957.

Mr. Nigel Krauth, who graduated as a Bachelor of Arts with First Class Honours in 1970, has taken up an appointment as Tutor in English at the University of Papua and New Guinea. Before taking up the post, Mr. Krauth was attached to the Department of English, A.N.U., as a Research Assistant.

On 26th August, a team from the university played the University of Papua and New Guinea in Rugby Union. Newcastle won 20 - 19. The University of Waikato defeated a university eleven 3 - 1 in Hockey on the same day.

Professor Raphael Trifon, of the Israel Institute of Technology, was a visiting lecturer in the Department of Economics from September to November, 1971. He holds the degrees of Bachelor of Arts in the University of Jerusalem and Doctor of Philosophy in the University of London and is Professor and Dean of the Faculty of Industrial and Management Engineering at the Israel Institute of Technology.

Miss Susan McKerihan, who holds the degree of Bachelor of Arts in this university, left Australia by air for France in September to begin duties as a teacher of English at a French high school. Miss McKerihan and several other Australian graduates were selected by the French Embassy, Canberra, to carry out teaching in France for at least 12 months. She will work as an Assistante de Langue Anglaise at the Lycee Thibaut de Champagne in Provins, about 40 miles south of Paris.

The Consul-General for the Federal Republic of Germany (Dr. Helmut Turk) visited the university in September to present the Goethe Prize and delivered a lecture on Gerhart Hauptmann. He presented the Goethe Prize to the best student in German III last year, Mrs. Annette Cook. Mrs. Cook was selected to receive the prize after she attained High Distinction in each of two sections of her course in 1970.

Sir Allen Fairhall, newly appointed to the Council of the University, attended his first meeting on 17th September. Sir Allen holds the honorary degree of Doctor of Science in the university and was appointed to the Council by the Governor to succeed Mr. W. B. Burgess. He is a former Member of the House of Representatives and, during his parliamentary career, held the portfolios of Minister for the Interior and Works, Minister for Supply and Minister for Defence.

The Australian Vice-Chancellors' Committee has appointed Professor B. R. Williams, Vice-Chancellor and Principal of the University of Sydney, to be its Chairman in 1972 and 1973. He will succeed Professor J. J. Auchmity, Vice-Chancellor of the University of Newcastle, who has been Chairman of the Committee for the past three years. The Deputy Chairman of the Australian Vice-Chancellor's Committee in 1972 will be Professor D. P. Derham, Vice-Chancellor, University of Melbourne.

Mr. Brian A. Engel, Senior Lecturer in Geology, has been appointed Sub-Dean of the Faculty of Science to serve for two years from 1st January, 1972. Mr. Engel will succeed Dr. K. H. Bell, Lecturer in Chemistry, as Sub-Dean. The appointment of Mr. Engel was made by the Faculty Board, Faculty of Science.

The vacancy that existed on the Union Board of Management for one graduate member was filled when Mr. T. J. Ryan, B.A., was returned unopposed to serve a two-year term. There were two other candidates, but the Returning Officer announced that they did not fulfil the requirements of the constitution.

More than 200 members of the university's academic and graduate staffs, with their wives, attended the Anniversary Dinner in the Union on 19th November. The Vice-Chancellor received the guests, announced staff promotions and proposed the toast "Hail and Farewell". The Reply was given by the Head of the Department of French, Professor K. Dutton.

In August, 1971, some students and members of staff of the Faculty of Architecture completed a submission for an international competition for the redevelopment of 50 acres of the City of Perugia in Italy. The submission, comprising models and plans, took six months to prepare.

Dr. A. J. Chambers, a 1965 B.E. graduate with First Class Honours and a 1967 M.E. graduate, returned to Australia with his wife in September after being a member of the staff of Drexel University, Philadelphia. He was awarded his Ph.D. at Stanford University in 1970. Mrs. (Glensy) Chambers worked for the university as a secretary before going abroad.

Newcastle City Council awarded its 1970 and 1971 Local History Awards to Miss Anne Burgess and Mr. James C. Docherty, who were enrolled in the History IV course in 1971 and have qualified to graduate as Bachelors of Arts with Honours. Miss Burgess received an award for her essay "Changes and Trends in Religious Instruction in the Catholic Secondary Schools in the Diocese of Maitland, 1957-1970" and Mr. Docherty for his essay "Newcastle and Conspiration 1916-1917".

Newcastle Division of the Institution of Engineers, Australia, is conducting a campaign to raise approximately $5,000 to supplement a donation by the Institution and offers of donations of free work for the construction of Corlette Court at the Engineering Complex. The Division will establish the Court, including a fountain, to commemorate the late Brigadier J. M. Corlette. Donations can be sent to the Institution, 27 King Street, Newcastle, 2300.

Work is well in hand on the construction of a second sports field north-west of No. 1 oval. The University Council approved the expenditure of $55,000 for the provision of an oval 600 ft. wide and the planting of grass. A course, with straights, for athletics, together with a cricket and football oval, will be provided. The University has asked the Australian Universities Commission to approve the erection of a Field House on No. 2 oval in the next triennium.

Garth Leary and Barry Kemp, students of the university, toured New Zealand as members of the Australian Universities Soccer team last August. Leary was chosen the best and fairest player in the inter-varsity competition this year and plays for Lake Macquarie Club. Kemp plays for New Lambton Club.

The University v. R.A.A.F. Officers' Mess golf match, played at Maitland Golf Links on the 20th October, resulted in R.A.A.F. beating the University. The best players: Group Captain T. Turner (R.A.A.F.) 38 points, and Mr. R. Deamer (University) 42 points. The Staff Golf Team won its third consecutive match against University of New England Staff at Armidale on 30th and 31st October. Newcastle won 10 matches and New England 7½ matches. The University will be host for the return match to be played on 28th and 29th April, 1972.